

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093616.D
 Acq On : 13 Mar 2017 19:17
 Operator : SJ/MA
 Sample : I2174-26
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-81

Quant Time: Mar 14 01:04:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

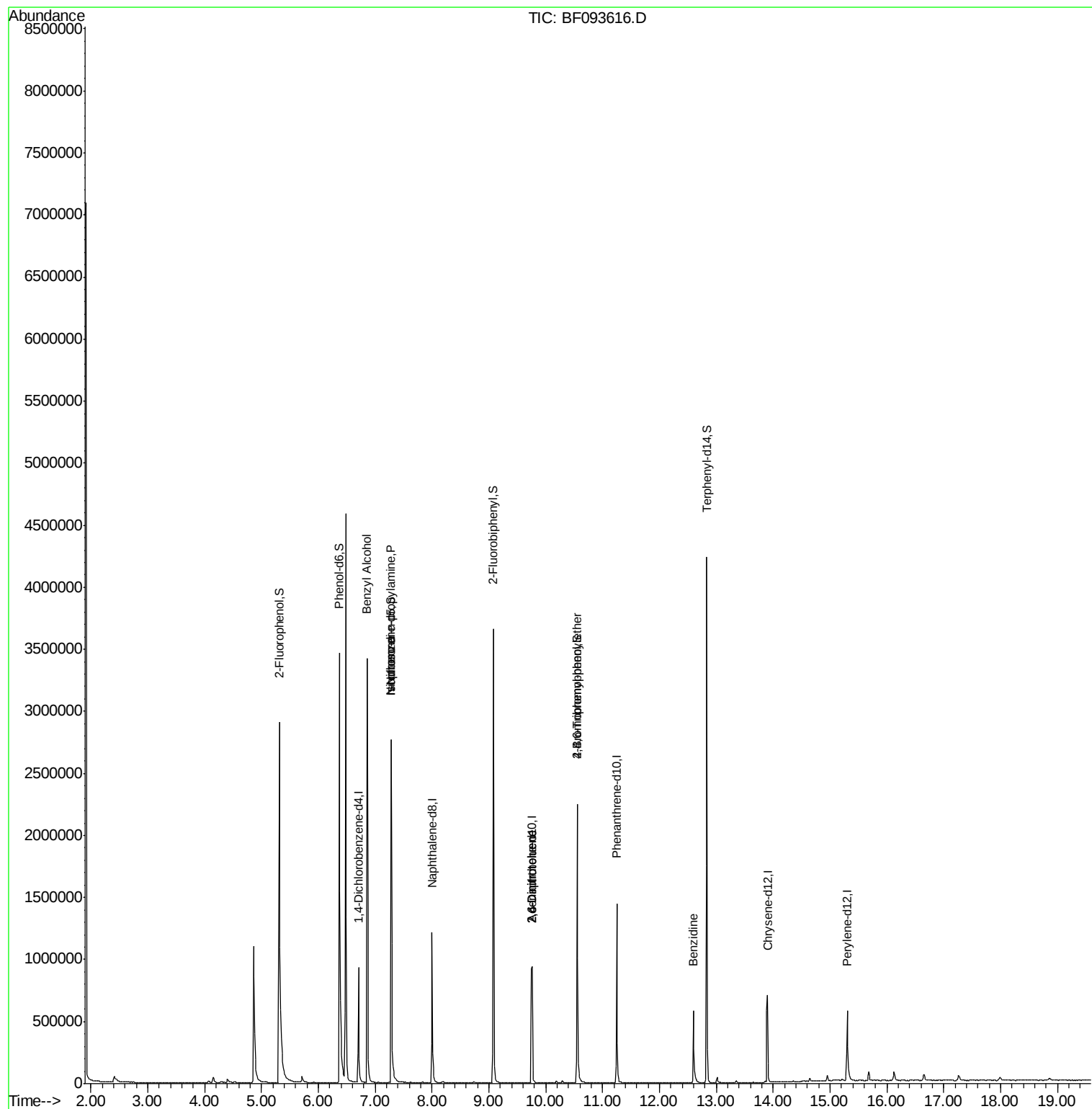
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	154125	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	611857	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	290024	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	553974	20.00	ng	0.00
75) Chrysene-d12	13.90	240	373946	20.00	ng	0.01
86) Perylene-d12	15.31	264	270717	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1314161	141.91	ng	0.00
7) Phenol-d6	6.37	99	1652561	141.51	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1075116	97.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	283733	150.16	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1658749	106.38	ng	-0.01
78) Terphenyl-d14	12.84	244	1362496	94.73	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2322	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	16837	2.02 ng	#	43
19) n-Nitroso-di-n-propylamine	7.28	70	143613	17.89 ng	#	85
25) Isophorone	7.28	82	1054372	47.41 ng	#	65
50) 2,6-Dinitrotoluene	9.75	165	35290	8.36 ng	#	32
56) 2,4-Dinitrotoluene	9.75	165	35509	6.85 ng	#	21
66) 4-Bromophenyl-phenylether	10.55	248	20030	3.42 ng	#	1
76) Benzydine	12.60	184	299688	24.37 ng		96

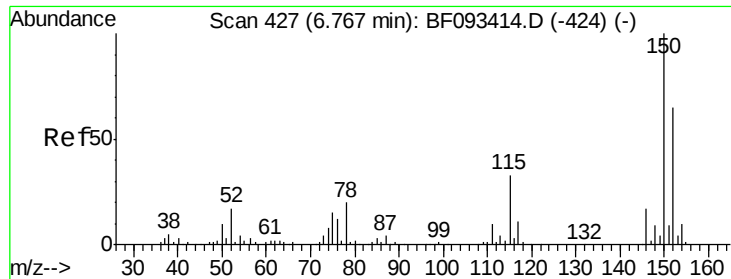
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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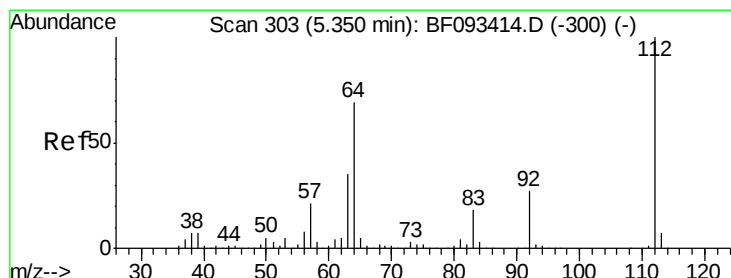
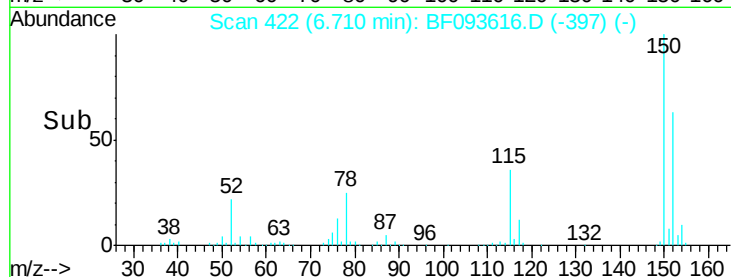
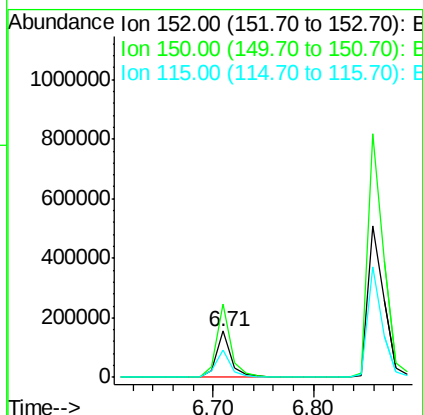
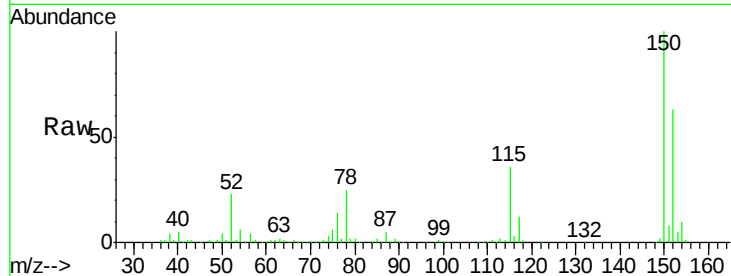




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093616.D
 Acq: 13 Mar 2017 19:17

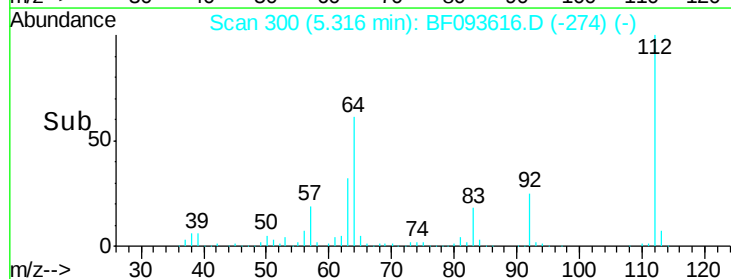
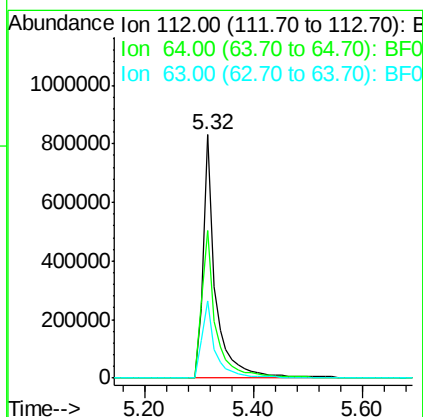
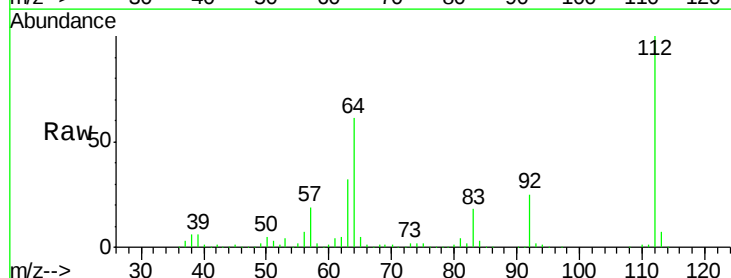
Instrument :
 BNA_F
 ClientSampled :
 D-81

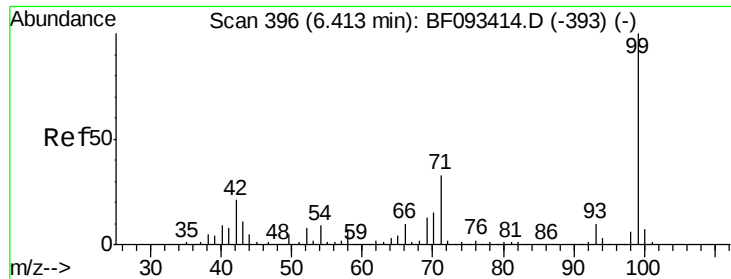
Tgt Ion:152 Resp: 154125
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.9 187.3
 115 57.5 46.0 69.0



#5
 2-Fluorophenol
 Concen: 141.91 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093616.D
 Acq: 13 Mar 2017 19:17

Tgt Ion:112 Resp: 1314161
 Ion Ratio Lower Upper
 112 100
 64 60.8 46.1 69.1
 63 31.6 23.8 35.6





#7

Phenol-d6

Concen: 141.51 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

D-81

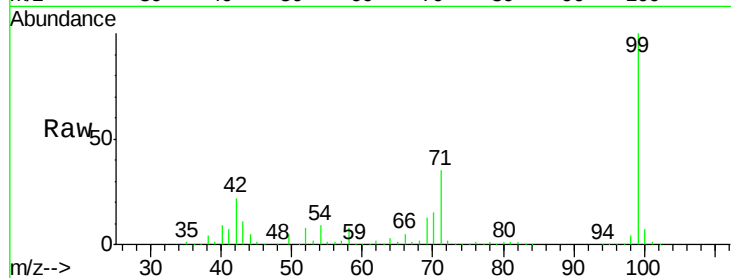
Tgt Ion: 99 Resp: 1652561

Ion Ratio Lower Upper

99 100

42 21.7 15.6 23.4

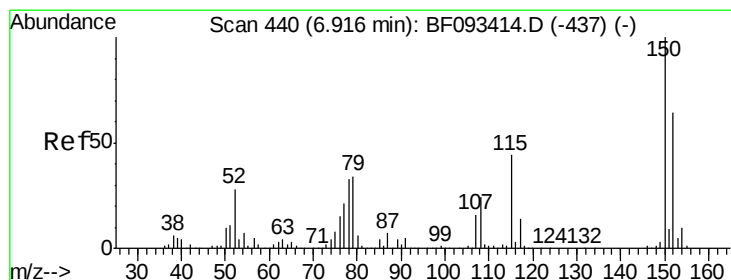
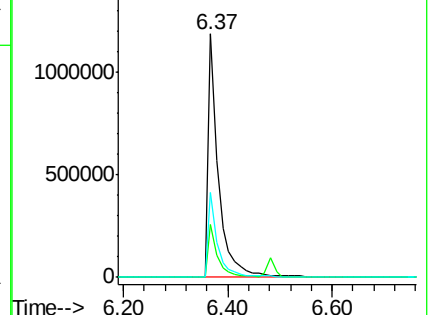
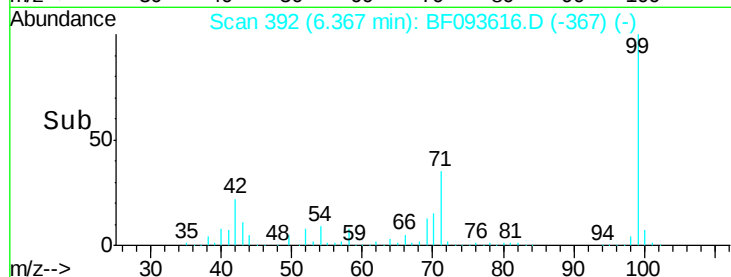
71 34.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

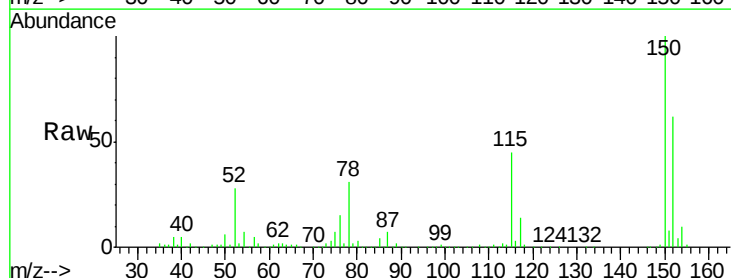
Tgt Ion: 79 Resp: 16837

Ion Ratio Lower Upper

79 100

108 29.6 61.4 92.0#

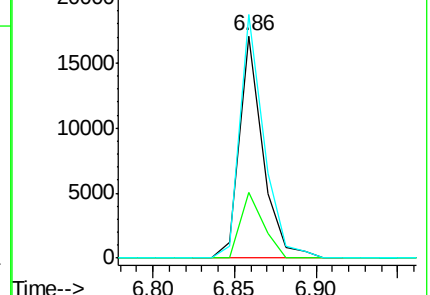
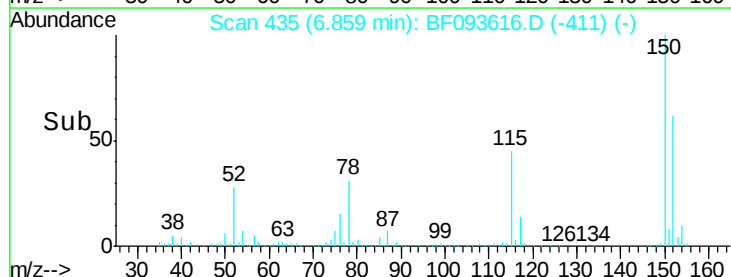
77 109.5 50.9 76.3#

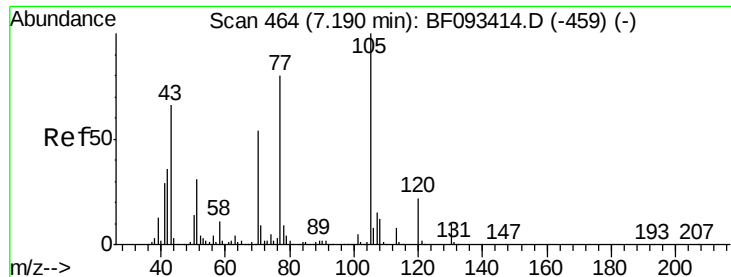


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

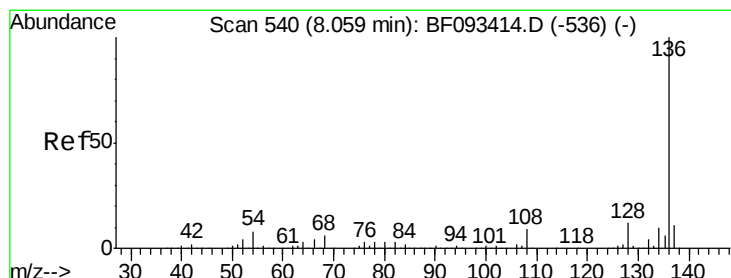
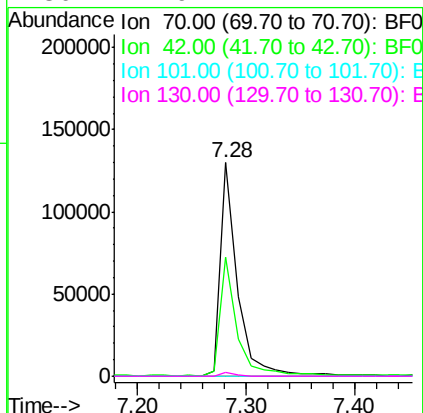
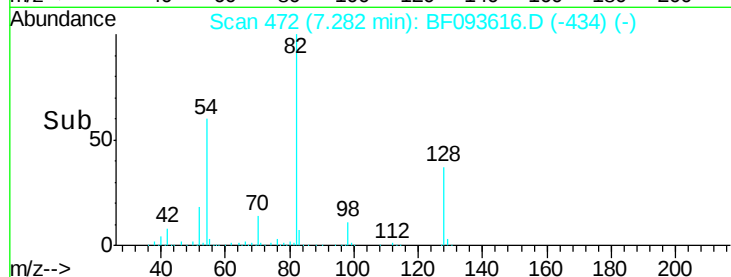
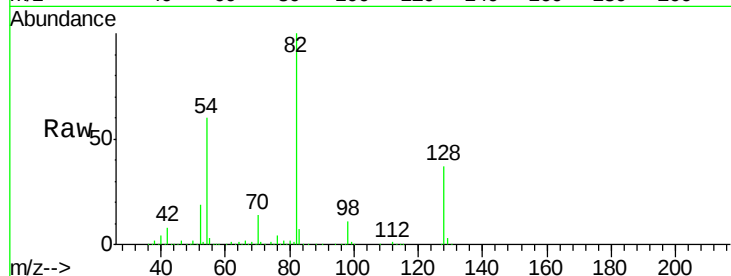




#19
n-Nitroso-di-n-propylamine
Concen: 17.89 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093616.D
Acq: 13 Mar 2017 19:17

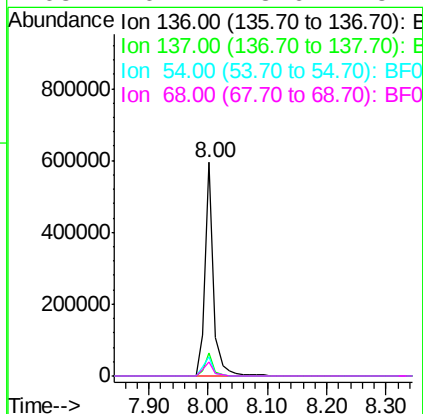
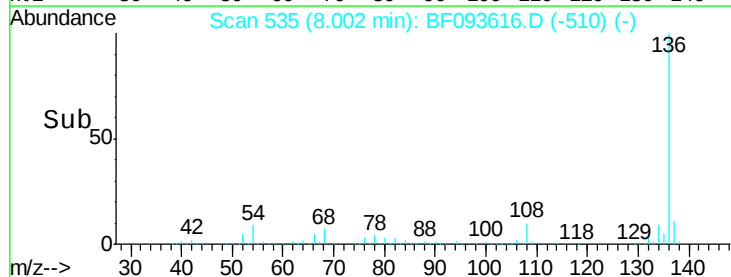
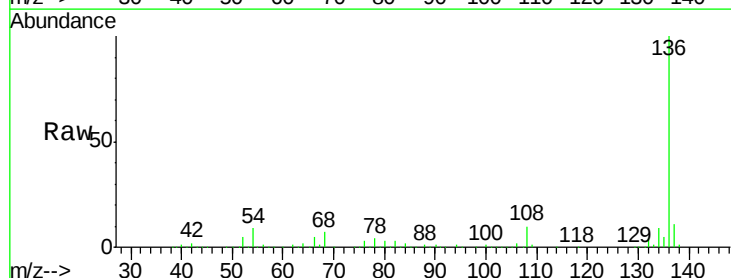
Instrument :
BNA_F
ClientSampleId :
D-81

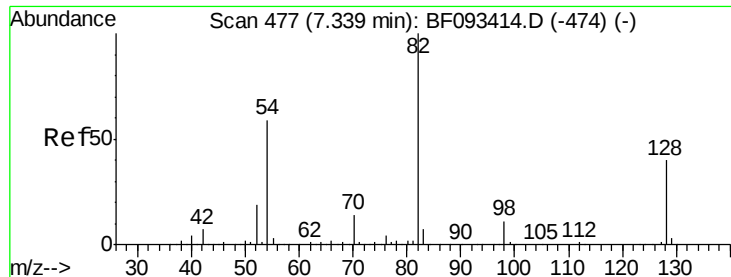
Tgt Ion: 70 Resp: 143613
Ion Ratio Lower Upper
70 100
42 55.6 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093616.D
Acq: 13 Mar 2017 19:17

Tgt Ion: 136 Resp: 611857
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 9.2 4.5 6.7#
68 6.7 3.6 5.4#

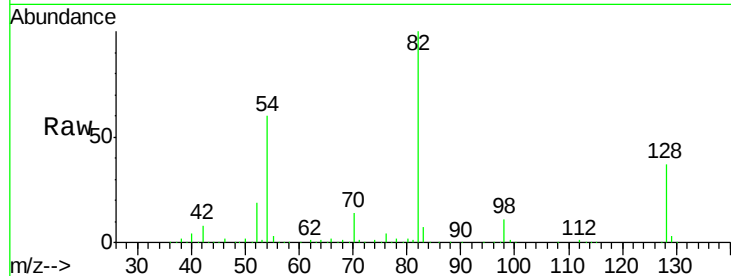




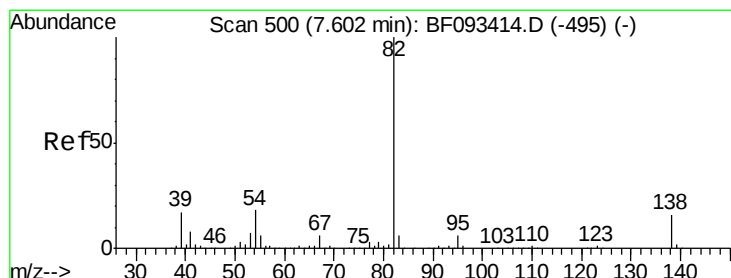
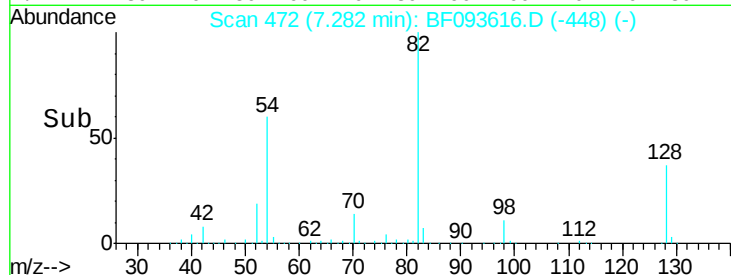
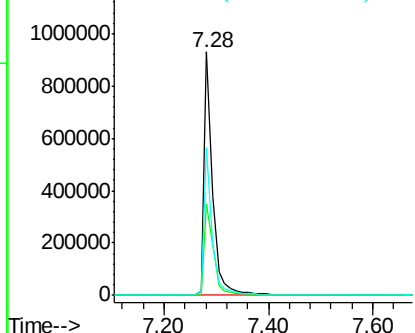
#23
 Nitrobenzene-d5
 Concen: 97.49 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093616.D
 Acq: 13 Mar 2017 19:17

Instrument :
 BNA_F
 ClientSampleID :
 D-81

Tgt Ion: 82 Resp: 1075116
 Ion Ratio Lower Upper
 82 100
 128 37.4 34.6 52.0
 54 60.4 39.5 59.3#

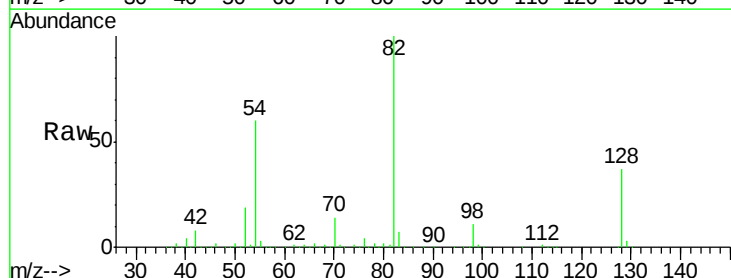


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

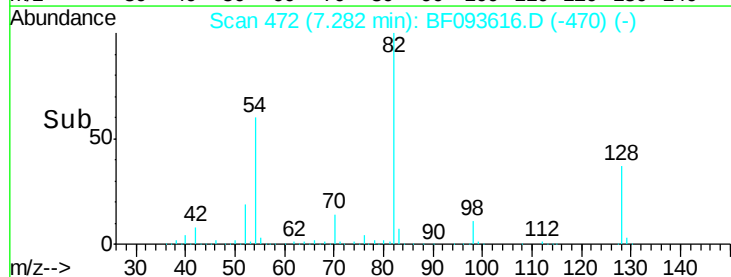
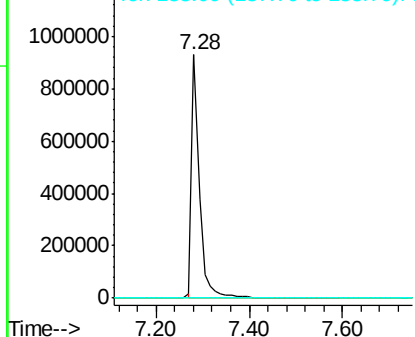


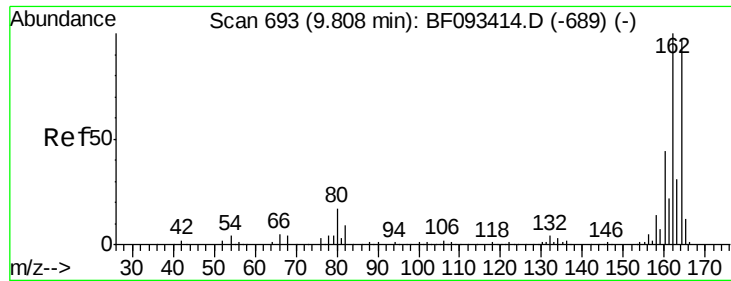
#25
 Isophorone
 Concen: 47.41 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093616.D
 Acq: 13 Mar 2017 19:17

Tgt Ion: 82 Resp: 1054372
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

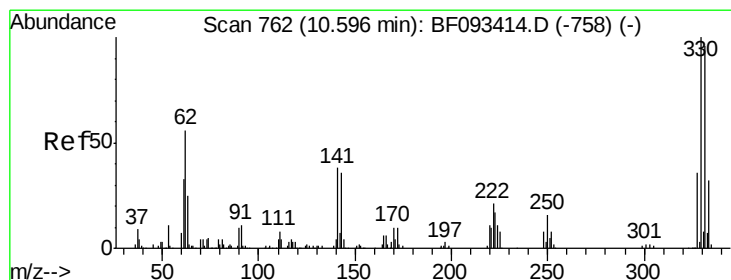
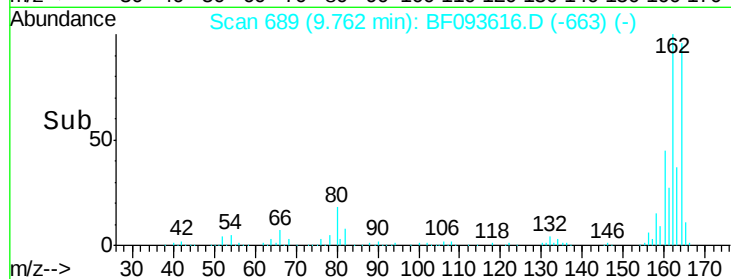
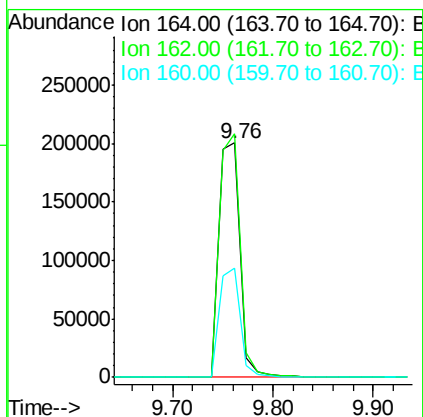
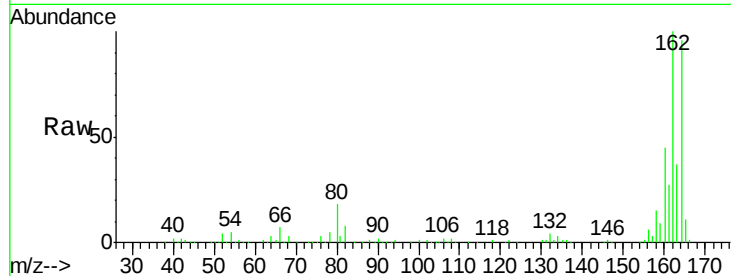




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093616.D
 Acq: 13 Mar 2017 19:17

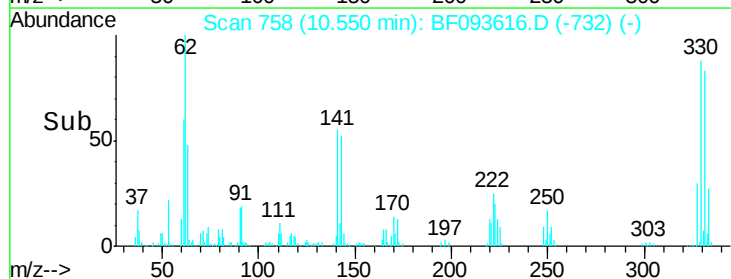
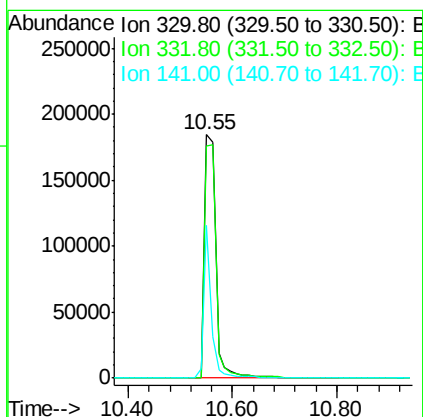
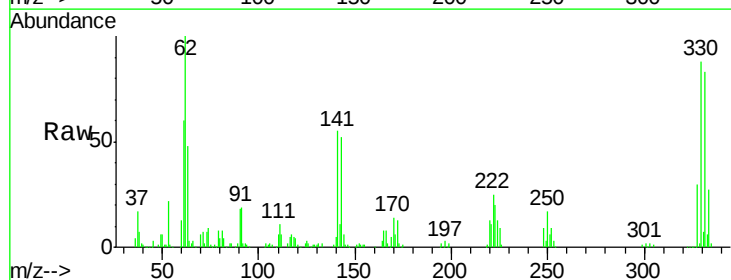
Instrument :
 BNA_F
 ClientSampled :
 D-81

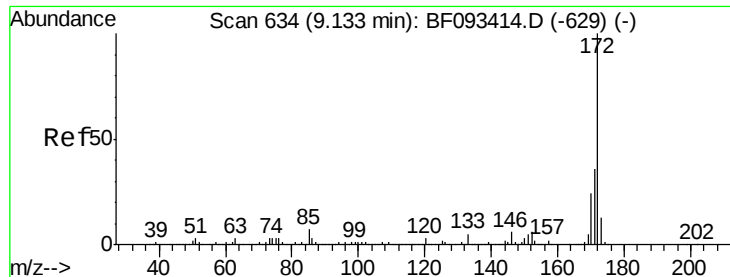
Tgt Ion:164 Resp: 290024
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.2 120.2
 160 46.6 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 150.16 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093616.D
 Acq: 13 Mar 2017 19:17

Tgt Ion:330 Resp: 283733
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 42.2 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 106.38 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

D-81

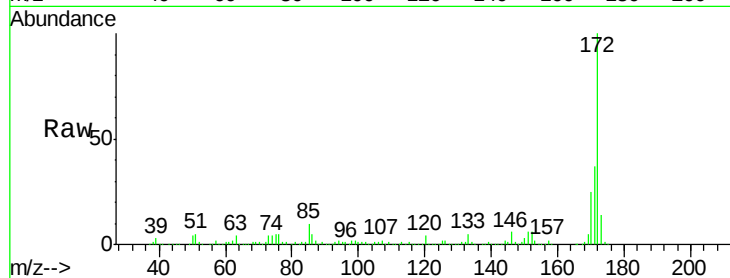
Tgt Ion:172 Resp: 1658749

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

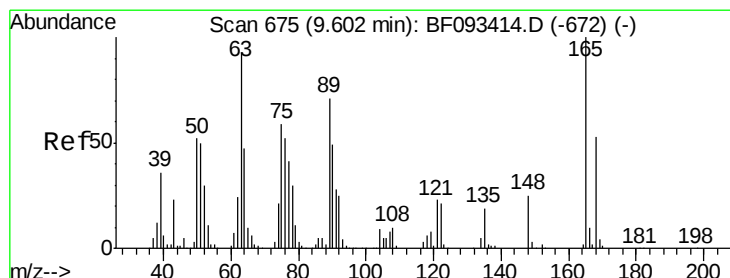
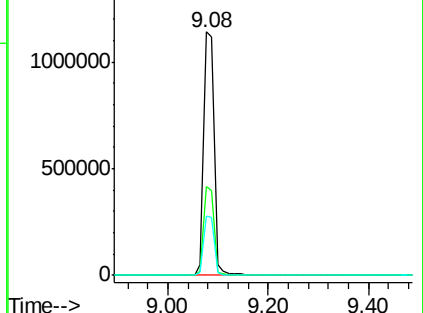
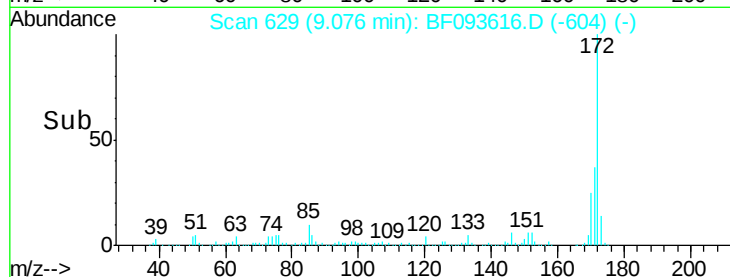
170 24.5 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

2,6-Dinitrotoluene

Concen: 8.36 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.18 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

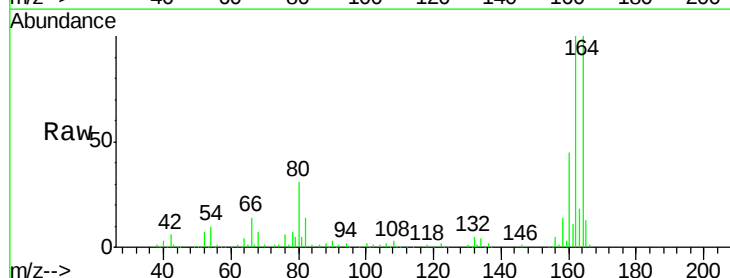
Tgt Ion:165 Resp: 35290

Ion Ratio Lower Upper

165 100

63 1.7 36.2 54.4#

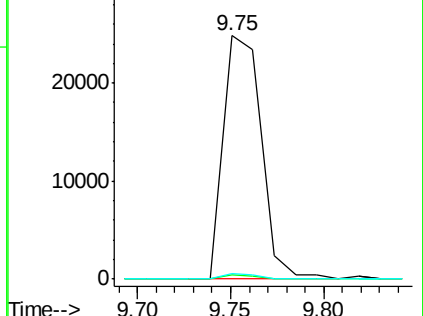
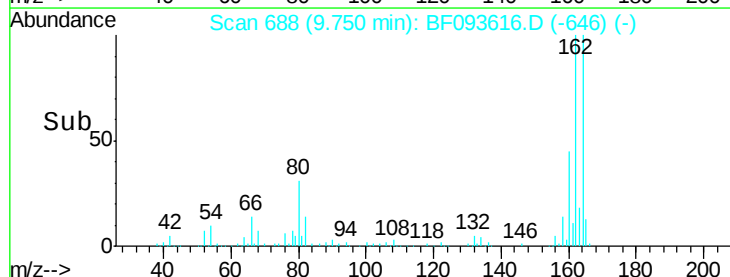
89 2.2 40.2 60.4#

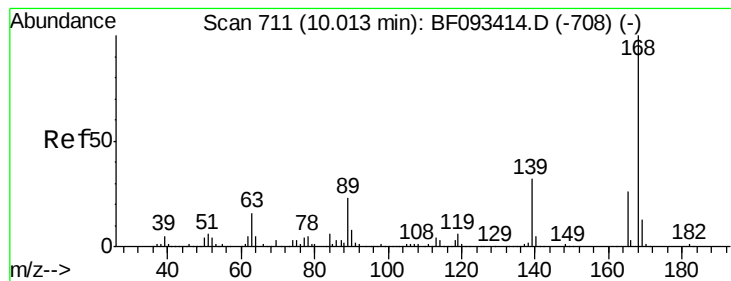


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.85 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.23 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

D-81

Tgt Ion:165 Resp: 35509

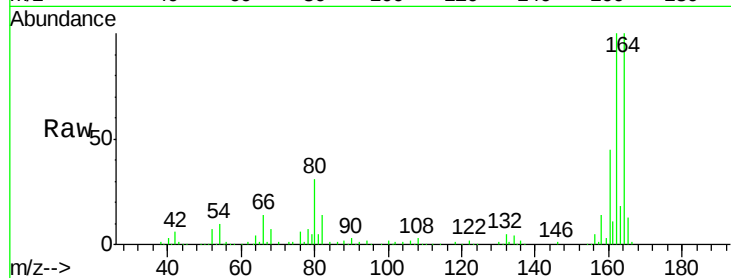
Ion Ratio Lower Upper

165 100

63 1.7 40.2 60.4#

89 2.2 62.5 93.7#

182 0.0 1.8 2.8#

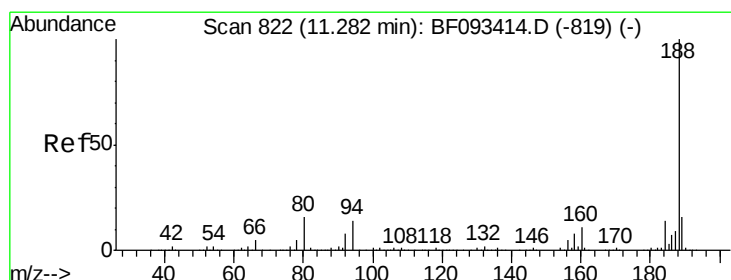
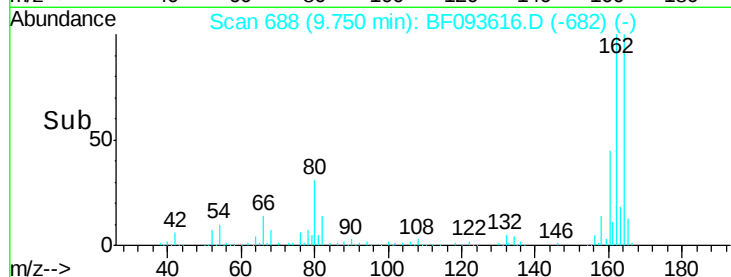
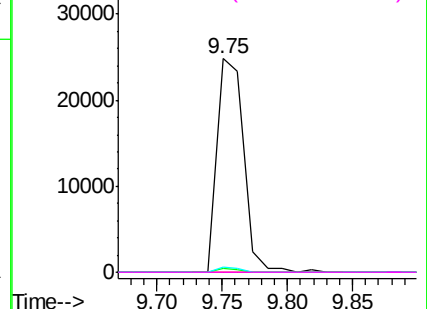


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

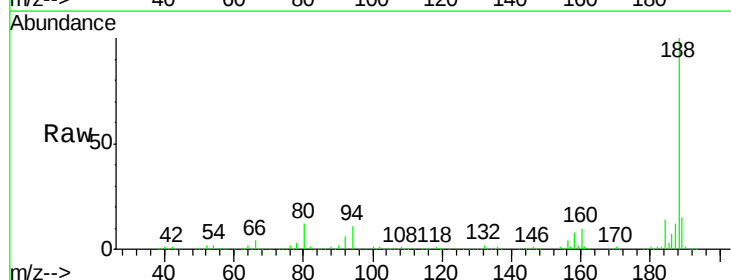
Tgt Ion:188 Resp: 553974

Ion Ratio Lower Upper

188 100

94 11.4 10.0 15.0

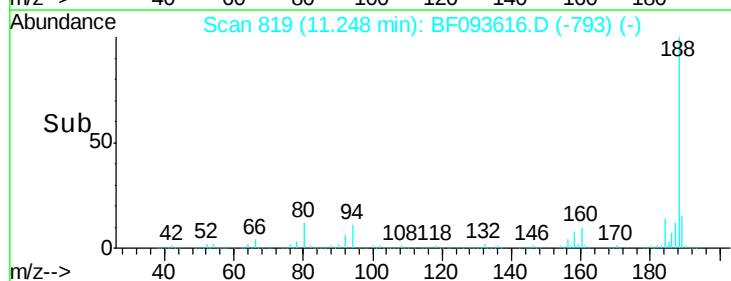
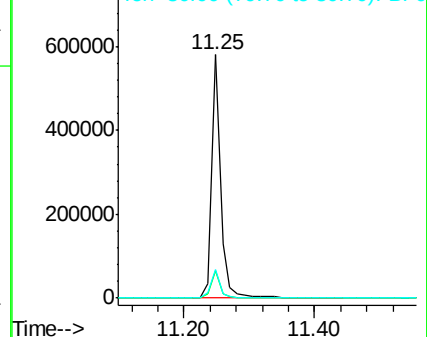
80 11.6 11.2 16.8

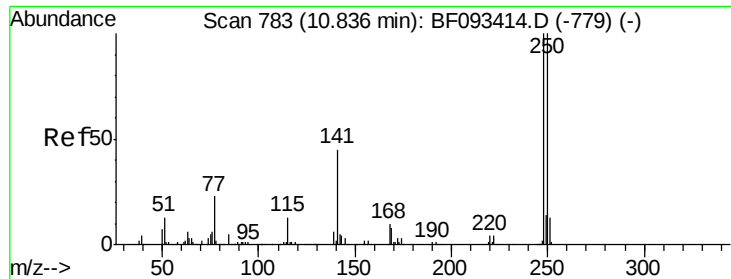


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.42 ng

RT: 10.55 min Scan# 758

Delta R.T. -0.24 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

Instrument :

BNA_F

ClientSampleId :

D-81

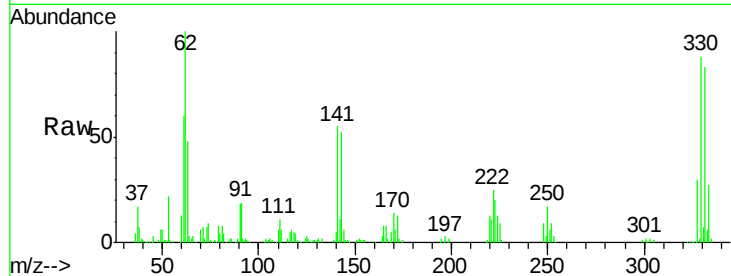
Tgt Ion:248 Resp: 20030

Ion Ratio Lower Upper

248 100

250 194.5 76.9 115.3#

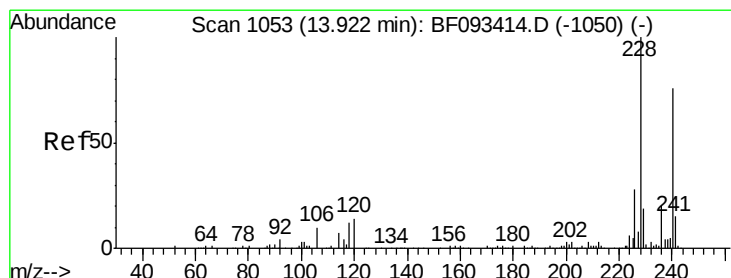
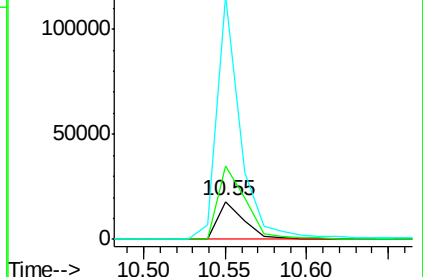
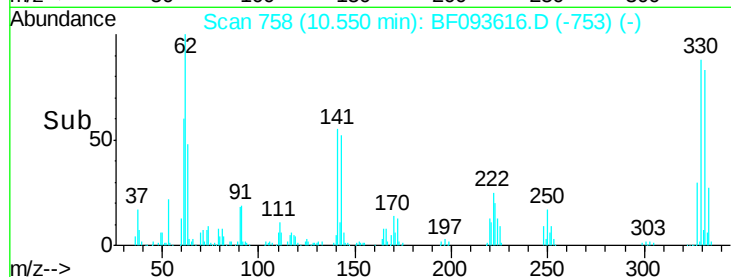
141 645.8 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093616.D

Acq: 13 Mar 2017 19:17

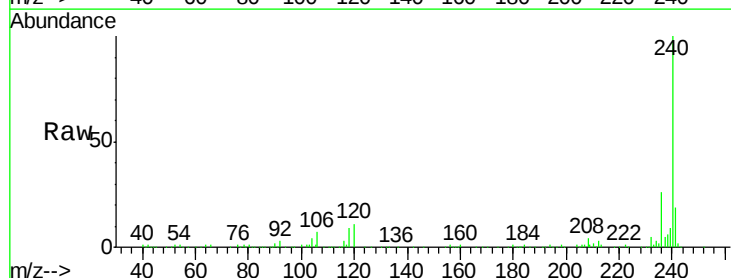
Tgt Ion:240 Resp: 373946

Ion Ratio Lower Upper

240 100

120 10.8 12.9 19.3#

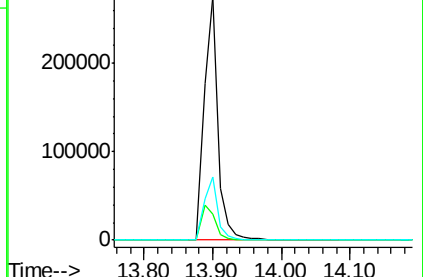
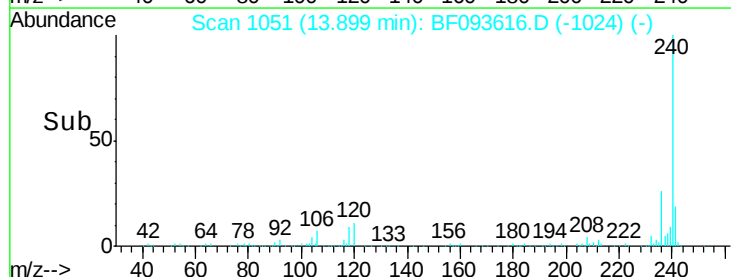
236 25.8 20.9 31.3

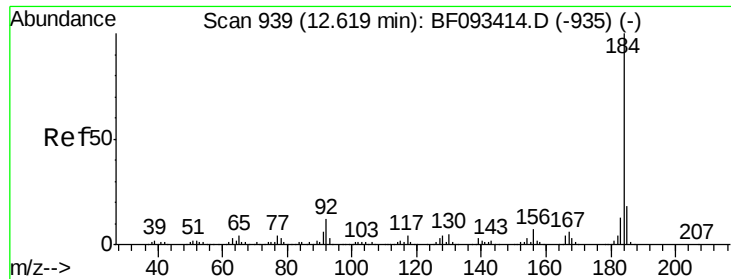


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

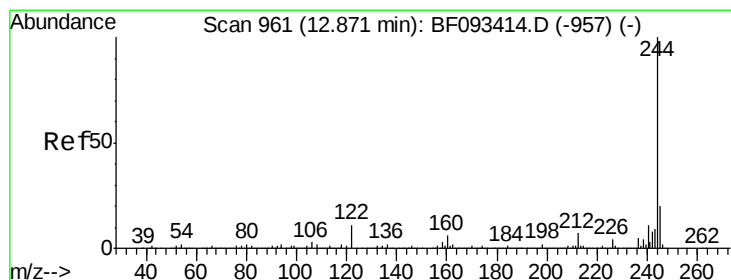
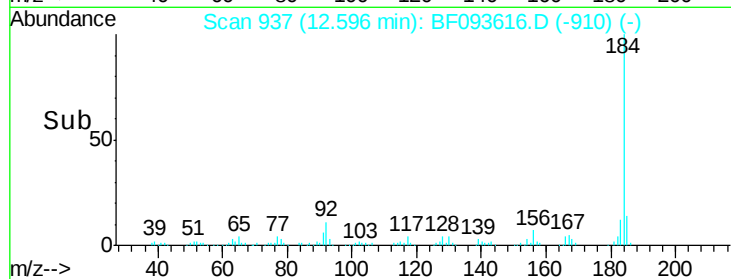
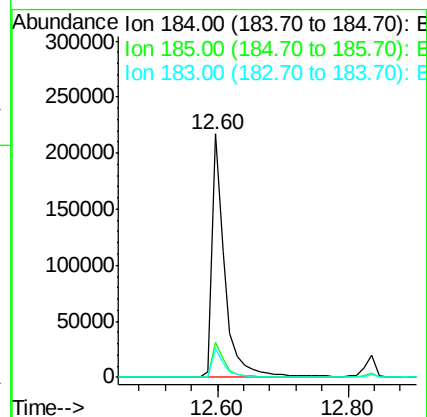
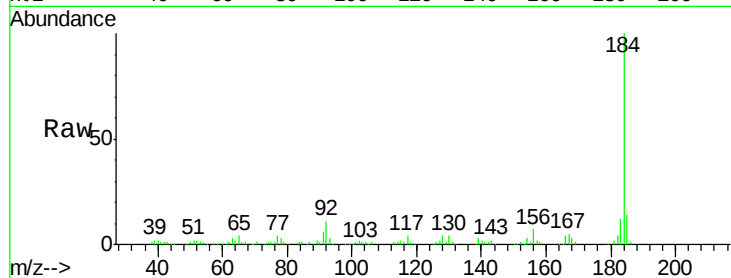




#76
Benzidine
Concen: 24.37 ng
RT: 12.60 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF093616.D
Acq: 13 Mar 2017 19:17

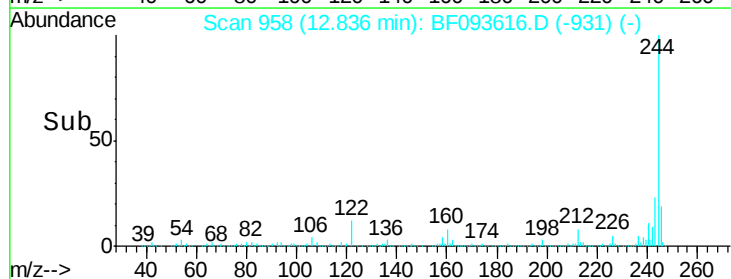
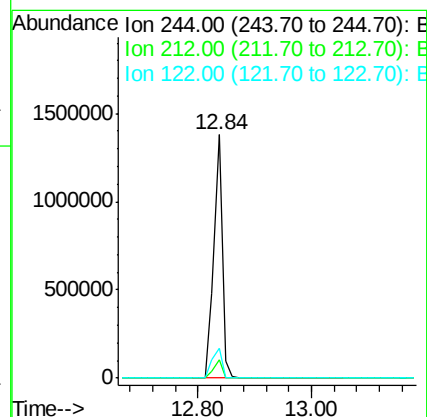
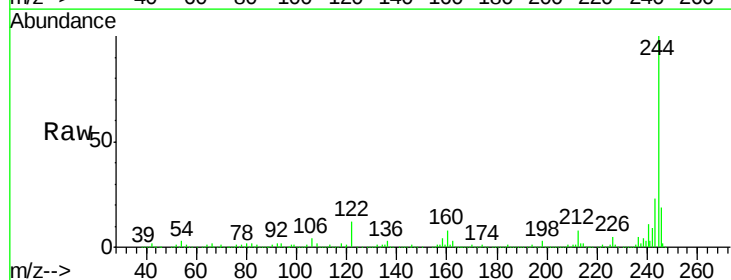
Instrument :
BNA_F
ClientSampleId :
D-81

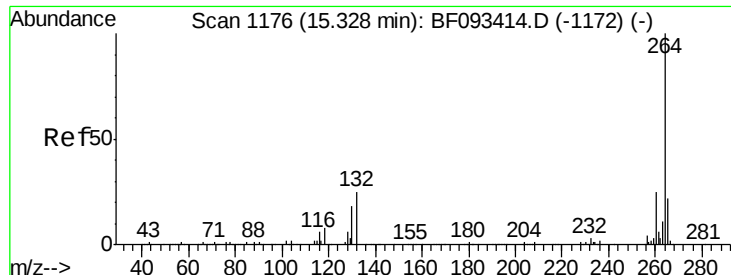
Tgt Ion:184 Resp: 299688
Ion Ratio Lower Upper
184 100
185 14.1 13.4 20.0
183 11.7 9.2 13.8



#78
Terphenyl-d14
Concen: 94.73 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093616.D
Acq: 13 Mar 2017 19:17

Tgt Ion:244 Resp: 1362496
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 12.2 11.4 17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093616.D
Acq: 13 Mar 2017 19:17

Instrument :
BNA_F
ClientSampleId :
D-81

Tgt Ion: 264 Resp: 270717
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.1 17.4 26.0

